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(54) Title: HUMAN ADAM-10 INHIBITORS

(57) Abstract: The present invention provides compounds useful for inhibiting the ADAM-10 protein, with selectivity versus MMP-1. Such compounds are useful in the *in vitro* study of the role of ADAM-10 (and its inhibition) in biological processes. The present invention also comprises pharmaceutical compositions comprising one or more ADAM-10 inhibitors according to the invention in combination with a pharmaceutically acceptable carrier. Such compositions are useful for the treatment of cancer, arthritis, and diseases related to angiogenesis. Correspondingly, the invention also comprises methods of treating forms of cancer, arthritis, and diseases related to angiogenesis in which ADAM-10 plays a critical role.